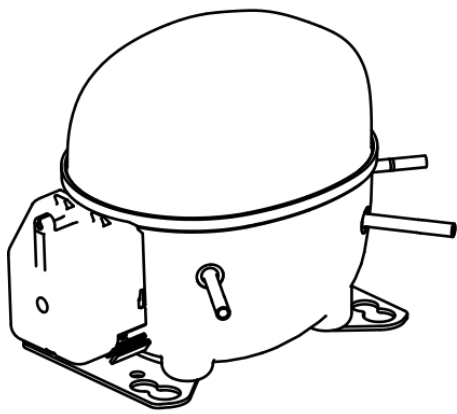


NEU6212Z



ENGINEERING CODE
268GA51



REFRIGERANT
R-134a



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
HBP



MOTOR TYPE
CSIR



STANDARD
EN12900



COOLING CAPACITY
1275 W



EFFICIENCY
2.18 W/W

DATA

GENERAL DATA

Model	NEU6212Z
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	HBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1/2
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	27.92 Ω at 25°C
Run Winding Resistance	4.53 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	20 A
Rated Load Amperage (HBP) at 50 Hz	3.2 A

MECHANICAL DATA

Displacement	14.28 cm³
Oil Charge	350 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	11.1 Kg

ELECTRICAL COMPONENTS

Start Capacitor	53-64 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRP-0012*
Overload Protection	T0964/G6

EXTERNAL CHARACTERISTICS

Base Plate	SMALL
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	8.1 mm	SLANTED 42°	COPPER
Discharge	6.1 mm	STRAIGHT	COPPER
Process	6.1 mm	SLANTED 42°	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-134a
Tested Application	HBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	220 V
Tested Frequency	50 Hz
Refrigerant Temperature	Dew

RATED POINTS

Condensing Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
50	5	1275	2.18	585	3.64	32
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.						

PERFORMANCE CURVE

Condensing Temperature 35°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-15	641	1.85	346	3.10	13.57
-10	814	2.13	382	3.15	17.32
-5	1019	2.41	422	3.23	21.78
0	1259	2.73	462	3.33	27.06
5	1537	3.11	495	3.47	33.30
10	1858	3.60	516	3.64	40.64
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

PERFORMANCE CURVE

Condensing Temperature 45°C

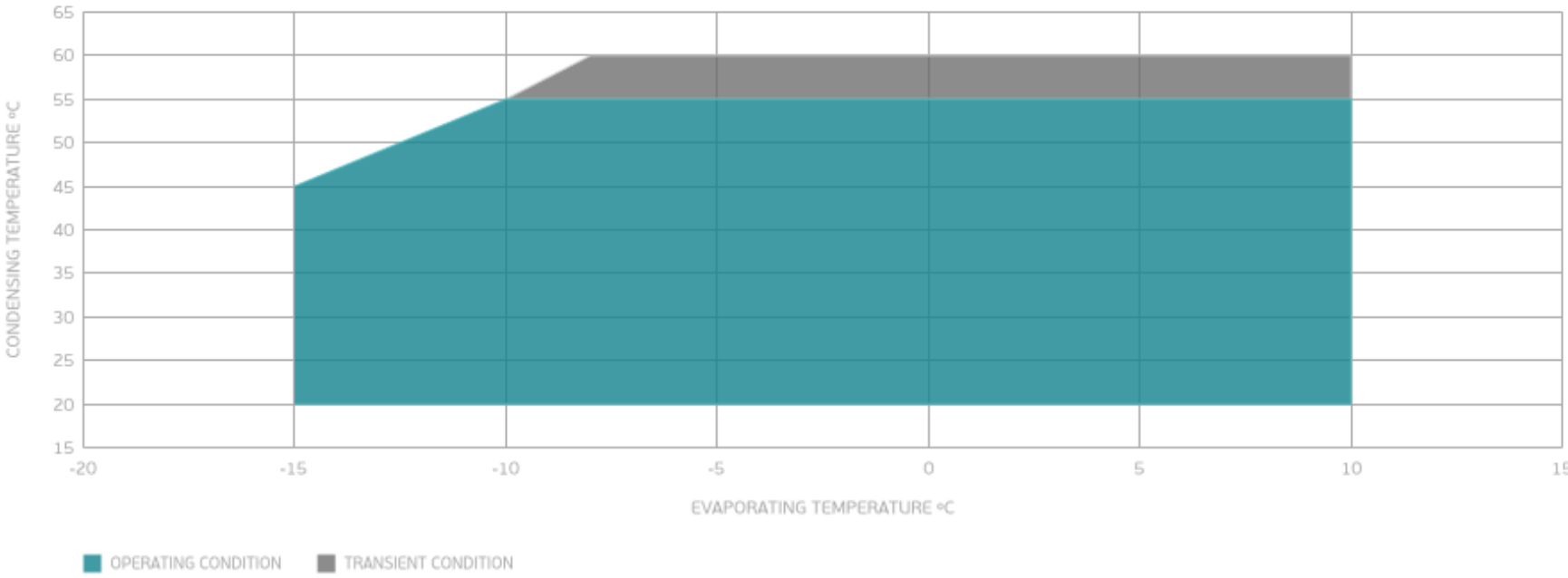
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-15	551	1.46	377	3.14	12.79
-10	711	1.72	413	3.21	16.58
-5	897	1.95	460	3.30	21.04
0	1114	2.18	512	3.43	26.30
5	1365	2.42	564	3.58	32.50
10	1654	2.71	611	3.76	39.75
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

PERFORMANCE CURVE

Condensing Temperature 55°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-10	596	1.39	429	3.28	15.44
-5	765	1.61	474	3.39	19.95
0	959	1.80	532	3.53	25.22
5	1183	1.99	596	3.70	31.40
10	1440	2.18	660	3.90	38.61
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

ENVELOPE



EXTERNAL DIMENSIONS

